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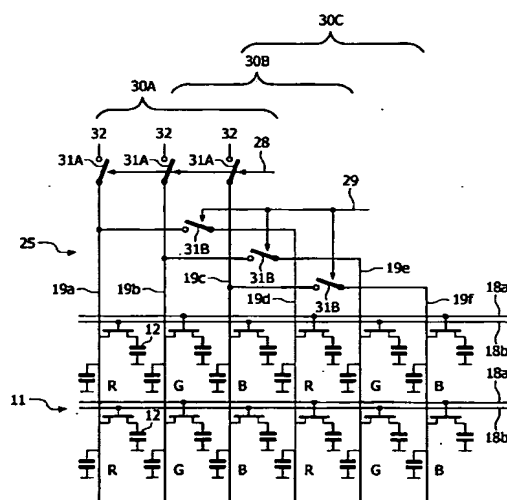
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(54) Title: **ACTIVE MATRIX DISPLAY DEVICES**



(57) Abstract: An active matrix display device, such as an AMLCD, having sets of row and column address conductors (18, 19) connected to an array of colour picture elements (12) arranged in columns of one colour and with adjacent columns being of different colours, and drive means (21, 23, 25) for supplying selection and data signals to the sets of address conductors uses a plurality of serial charge redistribution digital to analogue conversion means (30) to convert multi-bit digital data signals supplied to the column address conductors (19) into analogue voltage levels for use by the picture elements. Each conversion means uses the capacitances of two column conductors between which charge is shared by conversion switches (31). The two column conductors associated with a conversion means are selected to be column conductors associated with picture elements columns of the same colour, preferably adjacent column conductors associated with the same colour. This leads to reduced conversion errors and consequential unwanted display artefacts.



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